Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

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Report Date: 06/05/2013

Route: GAVAGE Vehicle: CORN OIL

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
					Male		
Battelle Columbus Laboratory	059903104	03/17/05	726	50(1)	34(687)	54.6	Ginkgo biloba extract
Battelle Columbus Laboratory	052000604	04/03/07	730	50(1)	26(663)	55.6	Indole-3-carbinol
Battelle Columbus Laboratory	052000706	08/24/04	730	50(1)	34(689)	56.4	Kava kava extract
Battelle Columbus Laboratory	052010704	10/26/04	730	50(1)	34(665)	55.7	N,N-Dimethyl-p-toluidine
Battelle Columbus Laboratory	052032004	08/07/07	730	50(1)	33(687)	55.8	Tetrabromobisphenol A
					Female		
Battelle Columbus Laboratory	059903104	03/18/05	727	50(5)	31(628)	64.5	Ginkgo biloba extract
Battelle Columbus Laboratory	052000604	04/02/07	729	50(5)	33(702)	66.6	Indole-3-carbinol
Battelle Columbus Laboratory	052000706	08/23/04	729	50(5)	38(695)	66.2	Kava kava extract
Battelle Columbus Laboratory	052010704	10/25/04	729	50(5)	43(715)	66.6	N,N-Dimethyl-p-toluidine
Battelle Columbus Laboratory	052032004	08/06/07	729	50(5)	40(711)	66.5	Tetrabromobisphenol A

Species: MICE

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Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

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			Male				Female	
#All Organs: Benign Tumors								
		38/50 (76%) 36/50 (72%)	33/50 (66%) 38/50 (76%)	34/50 (68%)		25/50 (50%) 24/50 (48%)	17/50 (34%) 22/50 (44%)	26/50 (52%)
Overall Incidence	Total	179/250 (71.6%)	Mean 71.6%	SD 4.56%	Total	114/250 (45.6%)	Mean 45.6%	SD 7.13%
#All Organs: Malignant Tumors								
		35/50 (70%) 29/50 (58%)	27/50 (54%) 21/50 (42%)	32/50 (64%)		28/50 (56%) 21/50 (42%)	19/50 (38%) 18/50 (36%)	19/50 (38%)
Overall Incidence	Total	144/250 (57.6%)	Mean 57.6%	SD 10.62%	Total	105/250 (42%)	Mean 42%	SD 8.12%
#All Organs: Malignant and Benign To		44/50 (88%)	48/50 (96%)	47/50 (94%)		35/50 (70%)	30/50 (60%)	39/50 (78%)
Overall Incidence	Total	45/50 (90%) 231/250 (92.4%)	47/50 (94%) Mean 92.4%	SD 3.29%	Total	35/50 (70%) 171/250 (68.4%)	32/50 (64%) Mean 68.4%	SD 6.84%
#All Organs: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 2/50 (4%)	2/50 (4%)		0/50 (0%) 1/50 (2%)	1/50 (2%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	4/250 (1.6%)	Mean 1.6%	SD 2.19%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%
#All Organs: Hemangiosarcoma								
		9/50 (18%) 8/50 (16%)	4/50 (8%) 1/50 (2%)	6/50 (12%)		2/50 (4%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	1/50 (2%)
Overall Incidence	Total	28/250 (11.2%)	Mean 11.2%	SD 6.42%	Total	4/250 (1.6%)	Mean 1.6%	SD 1.67%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 6

			Male				Female	
#All Organs: Hemangiosarcoma or Hen	mangioma							
		9/50 (18%) 8/50 (16%)	4/50 (8%) 3/50 (6%)	8/50 (16%)		2/50 (4%) 1/50 (2%)	1/50 (2%) 2/50 (4%)	1/50 (2%)
Overall Incidence	Total	32/250 (12.8%)	Mean 12.8%	SD 5.4%	Total	7/250 (2.8%)	Mean 2.8%	SD 1.1%
#All Organs: Histiocytic Sarcoma								
		0/50 (0%) 0/50 (0%)	2/50 (4%) 0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	1/50 (2%) 1/50 (2%)	3/50 (6%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.79%	Total	6/250 (2.4%)	Mean 2.4%	SD 2.19%
#All Organs: Malignant Lymphoma: His	stiocytic, Lym	1/50 (2%)	3/50 (6%)	2/50 (4%)		11/50 (22%)	6/50 (12%)	6/50 (12%)
	stiocytic, Lym	-		= =		11/50 (22%)	6/50 (12%)	6/50 (12%)
Malignant Lymphoma: His	stiocytic, Lym Total	-		= =	Total	11/50 (22%) 15/50 (30%) 47/250 (18.8%)	6/50 (12%) 9/50 (18%) Mean 18.8%	6/50 (12%) SD 7.56%
Malignant Lymphoma: His		1/50 (2%) 4/50 (8%) 13/250 (5.2%)	3/50 (6%) 3/50 (6%) Mean 5.2%	2/50 (4%) SD 2.28%	Total	15/50 (30%) 47/250 (18.8%)	9/50 (18%) Mean 18.8%	SD 7.56%
Malignant Lymphoma: His Overall Incidence #All Organs:		1/50 (2%) 4/50 (8%)	3/50 (6%) 3/50 (6%)	2/50 (4%)	Total	15/50 (30%)	9/50 (18%)	,
Malignant Lymphoma: His Overall Incidence #All Organs: Mesothelioma: Benign		1/50 (2%) 4/50 (8%) 13/250 (5.2%) 0/50 (0%)	3/50 (6%) 3/50 (6%) Mean 5.2% 0/50 (0%)	2/50 (4%) SD 2.28%	Total Total	15/50 (30%) 47/250 (18.8%) 0/50 (0%)	9/50 (18%) Mean 18.8% 	SD 7.56%
Malignant Lymphoma: His Overall Incidence #All Organs: Mesothelioma: Benign Overall Incidence	Total Total	1/50 (2%) 4/50 (8%) 13/250 (5.2%) 0/50 (0%) 0/50 (0%) 0/250 (0%)	3/50 (6%) 3/50 (6%) Mean 5.2% 0/50 (0%) 0/50 (0%)	2/50 (4%) SD 2.28% 0/50 (0%)		15/50 (30%) 47/250 (18.8%) 0/50 (0%) 0/50 (0%)	9/50 (18%) Mean 18.8% 0/50 (0%) 0/50 (0%)	SD 7.56% 0/50 (0%)
Malignant Lymphoma: His Overall Incidence #All Organs: Mesothelioma: Benign Overall Incidence #All Organs:	Total Total	1/50 (2%) 4/50 (8%) 13/250 (5.2%) 0/50 (0%) 0/50 (0%) 0/250 (0%)	3/50 (6%) 3/50 (6%) Mean 5.2% 0/50 (0%) 0/50 (0%)	2/50 (4%) SD 2.28% 0/50 (0%)		15/50 (30%) 47/250 (18.8%) 0/50 (0%) 0/50 (0%)	9/50 (18%) Mean 18.8% 0/50 (0%) 0/50 (0%)	SD 7.56% 0/50 (0%)

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 7

			Male				Female	
#All Organs: Mesothelioma: Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#All Organs: Osteoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma or Osteoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
*Adrenal Cortex: Adenoma								
		1/50 (2%) 3/50 (6%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	2/49 (4%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	5/250 (2%)	Mean 2%	SD 2.45%	Total	2/249 (0.8%)	Mean 0.82%	SD 1.83%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1 Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 8

			Male				Female	
*Adrenal Cortex: Plasma Cell Tumor Ma	lignant							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Bo	enign							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 2/50 (4%)	0/49 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	3/249 (1.2%)	Mean 1.2%	SD 1.79%
*Adrenal Medulla: Pheochromocytoma M	alignant							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma: B	Benign, Complex,	, Malignant, NOS						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 2/50 (4%)	0/49 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	3/249 (1.2%)	Mean 1.2%	SD 1.79%
#Blood Vessel: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 9

			Male				Female	
Bone Marrow: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
*Bone Marrow: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	2/50 (4%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%	Total	0/250 (0%)	Mean 0%	SD 0%
*Bone Marrow: Mast Cell Tumor Maligna								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Bone Marrow: Plasma Cell Tumor Malig	nant							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Bone Marrow: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

			Male					Female	
Bone: Fibroma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
Bone: Hemangiosarcoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
Bone: Osteoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
Bone: Osteosarcoma									•••••
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
Bone: Osteosarcoma or Osteoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 11

			Male				Female	
#Bone: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Brain: Granular Cell Tumor Ben	ign							
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
Brain: Meningioma Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Brain: Meningioma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Brain: Meningioma: Benign, Mal	lignant, NOS							
-		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Species: MICE Strain: B6C3F1

Vehicle: CORN OIL

Length of Study: CHRONIC

			Male				Female	
*Brain: Oligodendroglioma Ma	lignant							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Brain: Oligodendroglioma, Gli	ioma, or Astrocy	rtoma						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Brain: Schwannoma Malignan	nt							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 13

			Male				Female	
#Coagulating Gland: Granular Cell Tumor								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
#Coagulating Gland: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Esophagus: Squamous Cell Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Eye: Melanoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Harderian Gland: Adenoma								
		4/50 (8%) 11/50 (22%)	6/50 (12%) 7/50 (14%)	5/50 (10%)		5/50 (10%) 1/50 (2%)	3/50 (6%) 2/50 (4%)	5/50 (10%)
Overall Incidence	Total	33/250 (13.2%)	Mean 13.2%	SD 5.4%	Total	16/250 (6.4%)	Mean 6.4%	SD 3.58%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1 Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC Male **Female** #Harderian Gland: Carcinoma 3/50 (6%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)1/50 (2%)2/250 (0.8%) **Overall Incidence** Total 5/250 (2%) Mean 2% SD 2.45% Total Mean 0.8% SD 1.1% #Harderian Gland: Carcinoma or Adenoma 7/50 (14%)7/50 (14%)5/50 (10%)6/50 (12%)3/50 (6%)5/50 (10%)11/50 (22%)8/50 (16%)1/50 (2%)3/50 (6%)**Overall Incidence** Total 38/250 (15.2%) Mean 15.2% SD 4.38% Total 18/250 (7.2%) Mean 7.2% SD 3.9% *Heart: Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/250 (0.4%) Mean 0.4% SD 0.89% Total 0/250 (0%) Mean 0% SD 0% #Intestine Large: Cecum: Adenoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)Overall Incidence Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% #Intestine Large: Cecum: Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 0%

0/50

0/250 (0%)

Total

(0%)

0/50

(0%)

SD 0%

Mean 0%

Total

0/50

0/250 (0%)

(0%)

0/50

Mean 0%

(0%)

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 15

			Male				Female	
#Intestine Large: Cecum: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Intestine Large: Colon/Rectu Leiomyosarcoma	ım:							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma								
		0/50 (0%) 0/50 (0%)	2/50 (4%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	1/50 (2%)
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 16

			Male				Female	
#Intestine Small: Duodenum: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Leiomyosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Mean 0.4%

SD 0.89%

Report Date: 06/05/2013

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC Male **Female** #Intestine Small: Ileum: **Polyp Adenomatous** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% #Intestine Small: Jejunum: Adenoma (2%) 0/50 (0%) 0/50 (0%)1/50 1/50 (2%)0/50 (0%)1/50 (2%)(2%) 0/50 (0%)1/50 0/50 (0%)0/50 (0%)SD 1.1% **Overall Incidence** Total 3/250 (1.2%) Mean 1.2% Total 1/250 (0.4%) Mean 0.4% SD 0.89% #Intestine Small: Jejunum: Carcinoma 1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)(2%)0/50 (0%)1/50 0/50 (0%)0/50 (0%)**Overall Incidence** Total 3/250 (1.2%) Mean 1.2% SD 1.1% Total 0/250 (0%) Mean 0% SD 0% #Intestine Small: Jejunum: Hemangiosarcoma 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% #Intestine Small: Jejunum: Leiomyosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 0%

Total

1/250 (0.4%)

Total

......

0/250 (0%)

Mean 0%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 18

			Male				Female	
#Intestine Small: Site Uns Adenoma	pecified:							
		0/50 (0%) 0/50 (0%)	3/50 (6%) 1/50 (2%)	2/50 (4%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	2/50 (4%)
Overall Incidence	Total	6/250 (2.4%)	Mean 2.4%	SD 2.61%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%
#Intestine Small: Site Uns Carcinoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma or Adenoma	•	1/50 (2%)	3/50 (6%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
Overall Incidence	Total	0/50 (0%) 9/250 (3.6%)	2/50 (4%) Mean 3.6%	SD 2.61%	Total	0/50 (0%) 3/250 (1.2%)	1/50 (2%) Mean 1.2%	SD 1.79%
#Intestine Small: Site Uns Hemangiosarcoma	pecified:							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Leiomyosarcoma	pecified:							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 06/05/2013

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
#Intestine Small: Site Unspec	cified:							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Adenoma								
		1/50 (2%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
*Islets, Pancreatic: Carcinoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Carcinoma or Adenoma								
		1/50 (2%) 2/50 (4%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	4/250 (1.6%)	Mean 1.6%	SD 1.67%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
*Kidney: Pelvis and Transitio Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Route: GAVAGE

Vehicle: CORN OIL

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

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Length of Study: CHRONIC

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			Male				Female	
*Kidney: Pelvis and Transition Carcinoma or Adenoma	onal Epitheli	um:						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Adenoma								•••••
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	0/250 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma						•••••		•••••
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	0/250 (0%)	Mean 0%	SD 0%
'Kidney: Renal Tubule: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 21

			Male				Female	
Kidney: Renal Tubule: Hemangiosarcoma								,
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Plasma Cell Tumor Malign								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
'Kidney: Renal Tubule: Sarcoma				•••••				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Liver: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 2/50 (4%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.79%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
Liver: Hemangiosarcoma								
		9/50 (18%) 6/50 (12%)	4/50 (8%) 0/50 (0%)	5/50 (10%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	24/250 (9.6%)	Mean 9.6%	SD 6.54%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 22 Report Date: 06/05/2013

			Male				Female	
Liver: Hepatoblastoma								
		3/50 (6%)	3/50 (6%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/50 (2%) 9/250 (3.6%)	2/50 (4%) Mean 3.6%	SD 2.61%	Total	0/50 (0%) 1/250 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%
		9/230 (3.076)				1/230 (0.476)		
Liver: Hepatocellular Adenom	na							
		31/50 (62%)	26/50 (52%)	27/50 (54%)		17/50 (34%)	7/50 (14%)	8/50 (16%)
		29/50 (58%)	32/50 (64%)	05 - 101		17/50 (34%)	13/50 (26%)	05
Overall Incidence	Total	145/250 (58%)	Mean 58%	SD 5.1%	Total	62/250 (24.8%)	Mean 24.8%	SD 9.55%
Liver: Hepatocellular Carcino	ma							
		22/50 (44%)	12/50 (24%)	20/50 (40%)		9/50 (18%)	6/50 (12%)	3/50 (6%)
		22/50 (44%)	11/50 (22%)			6/50 (12%)	2/50 (4%)	
Overall Incidence	Total	87/250 (34.8%)	Mean 34.8%	SD 10.92%	Total	26/250 (10.4%)	Mean 10.4%	SD 5.55%
Liver: Hepatocellular Carcino	ma or Hepatobl	astoma						
		24/50 (48%) 22/50 (44%)	15/50 (30%) 12/50 (24%)	20/50 (40%)		10/50 (20%) 6/50 (12%)	6/50 (12%) 2/50 (4%)	3/50 (6%)
Overall Incidence	Total	93/250 (37.2%)	Mean 37.2%	SD 9.96%	Total	27/250 (10.8%)	Mean 10.8%	SD 6.26%
*Liver: Hepatocellular Carcino		ellular Adenoma						
-	•	39/50 (78%) 38/50 (76%)	35/50 (70%) 39/50 (78%)	38/50 (76%)		20/50 (40%) 20/50 (40%)	12/50 (24%) 15/50 (30%)	10/50 (20%)
Overall Incidence	Total	189/250 (75.6%)	Mean 75.6%	SD 3.29%	Total	77/250 (30.8%)	Mean 30.8%	SD 9.12%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 06/05/2013

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			Male				Female	
*Liver:						,		
Hepatocellular Carcinoma	a, Hepatocellu	•						
		39/50 (78%) 38/50 (76%)	36/50 (72%) 39/50 (78%)	38/50 (76%)		20/50 (40%) 20/50 (40%)	12/50 (24%) 15/50 (30%)	10/50 (20%)
Overall Incidence	Total	190/250 (76%)	Mean 76%	SD 2.45%	Total	77/250 (30.8%)	Mean 30.8%	SD 9.12%
Liver: Hepatocholangiocarcinon								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	4/50 (8%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	4/250 (1.6%)	Mean 1.6%	SD 3.58%	Total	0/250 (0%)	Mean 0%	SD 0%
*Liver: Hepatocholangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Liver: Ito Cell Tumor Benign		•••••	•••••			•••••		
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
Liver: Mast Cell Tumor Malignar	nt							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 24

			Male				Female	
Liver:								
Plasma Cell Tumor Ma	alignant							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Liver: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
Lung: Alveolar/Bronchiolar <i>A</i>	Adenoma							
		8/50 (16%)	4/50 (8%)	9/50 (18%)		0/50 (0%)	1/50 (2%)	2/50 (4%)
		11/50 (22%)	6/50 (12%)			2/50 (4%)	5/50 (10%)	
Overall Incidence	Total	38/250 (15.2%)	Mean 15.2%	SD 5.4%	Total	10/250 (4%)	Mean 4%	SD 3.74%
Lung: Alveolar/Bronchiolar (Carcinoma							
		11/50 (22%)	4/50 (8%)	2/50 (4%)		1/50 (2%)	2/50 (4%)	2/50 (4%)
		2/50 (4%)	4/50 (8%)			0/50 (0%)	1/50 (2%)	
verall Incidence	Total	23/250 (9.2%)	Mean 9.2%	SD 7.43%	Total	6/250 (2.4%)	Mean 2.4%	SD 1.67%
Lung: Alveolar/Bronchiolar (Carcinoma or Alv	veolar/Bronchiolar Adeno	ma					
		17/50 (34%)	8/50 (16%)	11/50 (22%)		1/50 (2%)	3/50 (6%)	4/50 (8%)
		13/50 (26%)	10/50 (20%)			2/50 (4%)	6/50 (12%)	
Overall Incidence	Total	59/250 (23.6%)	Mean 23.6%	SD 6.84%	Total	16/250 (6.4%)	Mean 6.4%	SD 3.85%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

*Lung:

*Lung:

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Male **Female** Hemangiosarcoma 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 2/250 (0.8%) Mean 0.8% SD 1.1% Total 0/250 (0%) Mean 0% SD 0% **Plasma Cell Tumor Malignant** (0%) 0/50 (0%) 0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% **#Lymph Node: Plasma Cell Tumor Malignant** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% #Lymph Node, Bronchial: Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% #Lymph Node, Mandibular:

Total

......

0/50

0/50

0/250 (0%)

(0%)

(0%)

0/50

0/50

Mean 0%

(0%)

(0%)

0/50

SD 0%

(0%)

0/50

0/50

0/250 (0%)

Total

(0%)

(0%)

0/50

0/50

(0%)

(0%)

Mean 0%

0/50

SD 0%

(0%)

Hemangiosarcoma

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 26

			Male				Female	
#Lymph Node, Mandibular: Mast Cell Tumor Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Plasma Cell Tumor Maligna	nt							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mediastinal: Mast Cell Tumor Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangiosarcoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Plasma Cell Tumor Maligna	nt							
•		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

			Male				Female	
#Mammary Gland: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Mammary Gland: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
Mammary Gland: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/30 (0%)	Mean 0%	SD 0%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
Mammary Gland: Fibroadenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Mammary Gland: Fibroma, Fibroadenoma	or Adenoma							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/30 (0%)	0/30 (0%) Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

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			Male				Female	
Mammary Gland: Fibroma, Fibroadenoma	a. Carcinoma or	Adenoma						
r ibroma, r ibroadenome	i, Garcinoma, Oi	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
Mesentery: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Mesentery: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/30 (0%)	0/50 (0%) Mean 0%	SD 0%
Mesentery: Lipoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Mesentery: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 29 Report Date: 06/05/2013

Species: MICE Strain: B6C3F1 Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

			Male				Female	
*Nose: Adenoma								
		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Nose: Hemangiosarcoma								
		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Papilloma Squamous	Total	0/50 (0%) 0/50 (0%) 0/250 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/50 (0%) 1/250 (0.4%)	0/50 (0%) 1/50 (2%) Mean 0.4%	0/50 (0%) SD 0.89%
Oral Cavity (Oral Mucos Squamous Cell Carcin		ynx, Tooth, Gingiva):						
.,		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
#Oral Cavity (Oral Mucos	sa, Tongue, Phar							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 2/50 (4%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		3/250 (1.2%)	Mean 1.2%	SD 1.79%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 30 Report Date: 06/05/2013

			Male				Female	
#Oral Mucosa: Squamous Cell Carcinor	ma							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%	6)	1/50 (2%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
Ovary: Choriocarcinoma								
						1/50 (2%)	0/50 (0%)	0/49 (0%)
Overall Incidence					Total	0/50 (0%) 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%
Ovary: Cystadenocarcinoma								
•						0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence					Total	0/50 (0%) 0/249 (0%)	0/50 (0%) Mean 0%	SD 0%
Ovary: Cystadenoma								
·						2/50 (4%) 1/50 (2%)	1/50 (2%) 2/50 (4%)	5/49 (10%)
Overall Incidence					Total	11/249 (4.42%)	Mean 4.44%	SD 3.37%
Ovary: Granulosa Cell Tumor B	enign							
	-					0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence					Total	0/50 (0%) 0/249 (0%)	0/50 (0%) Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 31

	Male		Female	
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Tot		Mean 0%	SD 0%
*Ovary:				
Hemangioma		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Tot	al 0/249 (0%)	Mean 0%	SD 0%
*Ovary: Hemangiosarcoma				
		1/50 (2%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Tot	0/50 (0%) al 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%
*Ovary: Luteoma				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/49 (2%)
Overall Incidence	Tot	al 1/249 (0.4%)	Mean 0.41%	SD 0.91%
*Ovary: Plasma Cell Tumor Malignant				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Tot	, ,	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 32 Report Date: 06/05/2013

	Male			Female	
Ovary:					
Sarcoma			0/50 (00/)	0/50 (00/)	0/40 (00/)
			0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence		Total	0/249 (0%)	Mean 0%	SD 0%
				·····	
Ovary: Teratoma Benign					
•			0/50 (0%)	0/50 (0%)	0/49 (0%)
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/249 (0%)	Mean 0%	SD 0%
Ovary: Teratoma Malignant			•••••		•••••
-			0/50 (0%)	0/50 (0%)	0/49 (0%)
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/249 (0%)	Mean 0%	SD 0%
Ovary: Tubulostromal Adenoma			•••••		
			0/50 (0%)	1/50 (2%)	0/49 (0%)
			1/50 (2%)	0/50 (0%)	
Overall Incidence		Total	2/249 (0.8%)	Mean 0.8%	SD 1.1%
Ovary: Yolk Sac Carcinoma			•••••		•••••
			0/50 (0%)	0/50 (0%)	0/49 (0%)
			0/50 (0%)	0/50 (0%)	,
Overall Incidence		Total	0/249 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 33

Report Date: 06/05/2013

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Pancreas: Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/249 (0%) **Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total Mean 0% SD 0% *Pancreas: Carcinoma or Adenoma (0%)(0%) (0%) 0/50 0/50 0/50 (0%)0/50 (0%)0/50 0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/249 (0%) Mean 0% SD 0% *Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma 0/49 (0%)0/50 (0%)0/49 (0%)4/50 (8%)3/49 (6%)2/50 (4%)0/50 (0%)0/50 (0%)0/48 (0%)1/50 (2%)**Overall Incidence** Total 0/248 (0%) Mean 0% SD 0% Total 10/247 (4.05%) Mean 4.02% SD 3.18% *Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma 0/49 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/48 (0%)0/50 (0%)Overall Incidence Total 0/248 (0%) Mean 0% SD 0% Total 0/247 (0%) Mean 0% SD 0% *Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma

0/49

SD 0%

(0%)

4/50

0/48

10/247 (4.05%)

Total

(8%)

(0%)

3/49

1/50

(6%)

(2%)

Mean 4.02%

2/50

SD 3.18%

(4%)

Total

0/49

0/50

0/248 (0%)

(0%)

(0%)

0/50

0/50

Mean 0%

(0%)

(0%)

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 34

			Male				Female	
*Pituitary Gland: Pars Intern Adenoma	nedia:							
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/49 (2%)		1/50 (2%) 0/48 (0%)	1/49 (2%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/248 (0.4%)	Mean 0.41%	SD 0.91%	Total	3/247 (1.21%)	Mean 1.21%	SD 1.1%
*Pituitary Gland: Pars Intern Carcinoma or Adenoma	nedia:							
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/49 (2%)		1/50 (2%) 0/48 (0%)	1/49 (2%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/248 (0.4%)	Mean 0.41%	SD 0.91%	Total	3/247 (1.21%)	Mean 1.21%	SD 1.1%
*Salivary Glands: Adenoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
*Salivary Glands: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
*Salivary Glands: Hemangiosarcoma								
-		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/249 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 35 Report Date: 06/05/2013

			Male				Female	
Salivary Glands: Mast Cell Tumor Malignant	i							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
Salivary Glands: Myxoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
#Seminal Vesicle: Adenoma			•••••					
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%				
#Skeletal Muscle: Hemangiosarcoma			•••••				•••••	•••••
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skeletal Muscle: Rhabdomyosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	3/50 (6%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	3/250 (1.2%)	Mean 1.2%	SD 2.68%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 36

			Male		Female	
#Skeletal Muscle: Rhabdomyosarcoma or	Rhabdomyoma					
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0 0/50 (0%)	,	(0%) 0/50 (0%) 3/50 (0%) 0/50 (0%)	(6%)
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 3/250 (1.2%	•	2.68%
#Skeletal Muscle: Sarcoma						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0 0/50 (0%)	,	(0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	(0%)
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 0/250 (0%	Mean 0% SD	0%
#Skin: Basal Cell Carcinoma		•••••				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0 0/50 (0%)	,	(2%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	(0%)
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 2/250 (0.89	%) Mean 0.8% SD	1.1%
#Skin:		s Tumor (malignant or N	os)			
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0 0/50 (0%)	,	(2%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	(0%)
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 2/250 (0.89	,	1.1%
#Skin:	asal Cell Adend	oma, Basosquamous Tur	or (benign, malignant or			
•		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0 0/50 (0%)	,	(2%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	(0%)
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 2/250 (0.89	` ,	1.1%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

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			Male				Female		
#Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma									
	•	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		1/50 (2%) 1/50 (2%)	0/50 (0%) 1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%	
#Skin: Fibroma, Fibrosarcoma,	Sarcoma, Myx		ibrous Histiocytoma	0/50 (0%)		3/50 (6%)	1/50 (2%)	0/50 (0%)	
		0/50 (0%)	1/50 (2%)	(0,0)		2/50 (4%)	1/50 (2%)	(070)	
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	7/250 (2.8%)	Mean 2.8%	SD 2.28%	
‡Skin: Fibrosarcoma		0/50 (00)	4/50 (004)	0/50 (00)		0(50 (004)	0/50 (00/)	0/50 (004)	
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 2/50 (4%)	0/50 (0%) 1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%	
≇Skin: Fibrosarcoma, Sarcoma,	Myxosarcoma	a, or Fibrous Histiocytom 0/50 (0%) 0/50 (0%)	a 1/50 (2%) 1/50 (2%)	0/50 (0%)		3/50 (6%) 2/50 (4%)	1/50 (2%) 1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	7/250 (2.8%)	Mean 2.8%	SD 2.28%	
∜Skin: Fibrous Histiocytoma	•••••								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 38

			Male				Female	
#Skin: Granular Cell Tumor Be	nign							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
#Skin: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Keratoacanthoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Lipoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: CORN OIL

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

			Male				Female	
≮Skin: Liposarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Skin: Mast Cell Tumor Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/250 (0%)	0/50 (0%) Mean 0%	SD 0%
≴Skin: Mast Cell Tumor Malignant	•••••							0/50 (00/)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Skin: Melanoma Benign			•••••					•••••
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Skin: Melanoma Malignant								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 06/05/2013

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC Male **Female** #Skin: **Neural Crest Tumor** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/250 (0%) **Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total Mean 0% SD 0% #Skin: Neurofibroma or Schwannoma benign 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) Mean 0% SD 0% #Skin: Neurofibrosarcoma or Schwannoma (malignant or NOS) (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 1/250 (0.4%) Mean 0.4% SD 0.89% #Skin: Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS) (0%) 0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 1/250 (0.4%) Mean 0.4% SD 0.89% #Skin: Osteosarcoma 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 0.89%

0/50

0/250 (0%)

Total

(0%)

0/50

(0%)

SD 0%

Mean 0%

Total

0/50

1/250 (0.4%)

(0%)

.....

0/50

Mean 0.4%

(0%)

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 06/05/2013

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Male **Female** #Skin: Sarcoma 0/50 (0%)0/50 (0%)0/50 (0%)3/50 (6%)1/50 (2%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/250 (0.4%) Mean 0.4% SD 0.89% Total 4/250 (1.6%) Mean 1.6% SD 2.61% #Skin: Schwannoma Benign (0%)(0%)0/50 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)Mean 0% **Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 0/250 (0%) SD 0% #Skin: Schwannoma Malignant 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 1/250 (0.4%) Mean 0.4% SD 0.89% #Skin: Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)(0%)(0%)(0%)0/50 0/50 0/50 1/50 (2%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% Total 2/250 (0.8%) Mean 0.8% SD 1.1% #Skin: **Squamous Cell Papilloma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 0%

0/50

0/250 (0%)

Total

(0%)

0/50

(0%)

SD 0%

Mean 0%

Total

0/50

0/250 (0%)

(0%)

0/50

Mean 0%

(0%)

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Control Animal Groups Report Date: 06/05/2013
AGE

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			Male		Female					
#Skin: Squamous Cell Papilloma or Papilloma										
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	6) 0/50 0/50	(0%) 0/50 (0%) (0%) (0%)	0/50 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 0/250 (09	%) Mean 0%	SD 0%				
#Skin:	na Panilloma S	quamous Cell Carcinom	a or Koratoacanthoma							
Squamous Centraphion	na, r apinoma, o	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0% 1/50 (2%)	6) 0/50 1/50	(0%) 0/50 (0%) (2%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4% SD 0.89%	Total 1/250 (0.4	` ,	SD 0.89%				
#Skin: Squamous Cell Papillon Overall Incidence	na, Papilloma, o Total	or Keratoacanthoma 0/50 (0%) 0/50 (0%) 1/250 (0.4%)	0/50 (0%) 0/50 (0%) 1/50 (2%) Mean 0.4% SD 0.89%	6) 0/50 1/50 Total 1/250 (0.4	(2%) 0/50 (0%)	0/50 (0%) SD 0.89%				
Skin: Sebaceous Gland: Adenoma		0/50 (0%)	0/50 (0%) 0/50 (0%	6) 0/50	(0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%) 0/250 (0%)	0/50 (0%) Mean 0% SD 0%	0/50 Total 0/250 (09	(0%) 0/50 (0%) %) Mean 0%	SD 0%				
Skin: Sebaceous Gland: Carcinoma or Adenoma										
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	6) 0/50 0/50	(0%) 0/50 (0%) (0%) (0%)	0/50 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0% SD 0%	Total 0/250 (09	%) Mean 0%	SD 0%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 43

			Male				Female	
#Spinal Cord: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Spleen: Hemangioma								
		0/50 (0%) 0/48 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%
*Spleen: Hemangiosarcoma								
		0/50 (0%) 3/48 (6%)	1/50 (2%) 1/50 (2%)	2/50 (4%)		1/50 (2%) 0/49 (0%)	0/50 (0%) 1/50 (2%)	0/49 (0%)
Overall Incidence	Total	7/248 (2.82%)	Mean 2.85%	SD 2.37%	Total	2/248 (0.81%)	Mean 0.8%	SD 1.1%
'Spleen: Mast Cell Tumor Malignant								
		0/50 (0%) 0/48 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	1/49 (2%)
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%	Total	1/248 (0.4%)	Mean 0.41%	SD 0.91%
'Spleen: Plasma Cell Tumor Malignar	nt							
Š		0/50 (0%) 0/48 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 44

			Male				Female				
#Stomach, Forestomach: Squamous Cell Carcinoma											
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	0/250 (0%)	Mean 0%	SD 0%			
#Stomach, Forestomach:											
Squamous Cell Carcinoma	or Papillom	0/50 (0%) 1/50 (2%)	2/50 (4%) 5/50 (10%)	9/50 (18%)		2/50 (4%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	3/50 (6%)			
Overall Incidence	Total	17/250 (6.8%)	Mean 6.8%	SD 7.29%	Total	7/250 (2.8%)	Mean 2.8%	SD 2.28%			
Stomach, Forestomach: Squamous Cell Papilloma											
		0/50 (0%) 1/50 (2%)	1/50 (2%) 5/50 (10%)	8/50 (16%)		2/50 (4%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	3/50 (6%)			
Overall Incidence	Total	15/250 (6%)	Mean 6%	SD 6.78%	Total	7/250 (2.8%)	Mean 2.8%	SD 2.28%			
Stomach, Glandular: Adenoma											
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%			
#Stomach, Glandular: Carcinoma											
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

> Route: GAVAGE Vehicle: CORN OIL

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Report Date: 06/05/2013

Strain: B6C3F1 Length of Study: CHRONIC Male Female

			Male				Female	
#Stomach, Glandular: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
Testes: Adenoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)				
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%				
Testes: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%				
Thymus: Neoplasm NOS	•••••							
		0/50 (0%) 0/48 (0%)	0/49 (0%) 0/47 (0%)	0/48 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/242 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
Thymus: Thymoma Benign								
		0/50 (0%) 0/48 (0%)	1/49 (2%) 0/47 (0%)	0/48 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/242 (0.41%)	Mean 0.41%	SD 0.91%	Total	0/249 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page**: 46

			Male				Female	
*Thymus: Thymoma Malignant								
		0/50 (0%) 0/48 (0%)	0/49 (0%) 0/47 (0%)	0/48 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/242 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma: Benign, Maligr								
		0/50 (0%) 0/48 (0%)	1/49 (2%) 0/47 (0%)	0/48 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/242 (0.41%)	Mean 0.41%	SD 0.91%	Total	0/249 (0%)	Mean 0%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/249 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/249 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%
*Thyroid Gland: Follicular C Adenoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	1/50 (2%) 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%	Total	0/50 (0%) 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 47

			Male				Female				
*Thyroid Gland: Follicular Cell: Carcinoma											
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: Follicular Cel Carcinoma or Adenoma											
		0/49 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%			
#Tissue NOS: Fibrosarcoma											
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%			
#Tissue NOS: Hemangiosarcoma											
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%			
#Tissue NOS: Plasma Cell Tumor Maligna	nt										
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL Page: 48

			Male				Female				
#Tissue NOS: Sarcoma											
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%			
#Tongue: Fibroma											
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%			
Squamous Cell Carcinoma	a or Papillom	-	0/50 (00/)	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (00/)			
Squamous Cell Carcinoma	a or Papillom	a Squamous 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)			
Overall Incidence	a or Papilloma	0/50 (0%)	` ,	0/50 (0%) SD 0%	Total	` ,	` ,	0/50 (0%) SD 0.89%			
Overall Incidence	·	0/50 (0%) 0/50 (0%) 0/250 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/250 (0.4%)	1/50 (2%) Mean 0.4%	SD 0.89%			
Overall Incidence #Tongue:	·	0/50 (0%) 0/50 (0%) 0/250 (0%) 0/50 (0%)	0/50 (0%)	,	Total	0/50 (0%)	1/50 (2%)	,			
Overall Incidence #Tongue: Squamous Cell Papilloma	·	0/50 (0%) 0/50 (0%) 0/250 (0%) 0/50 (0%)	0/50 (0%) Mean 0% 0/50 (0%)	SD 0%	Total Total	0/50 (0%) 1/250 (0.4%) 0/50 (0%)	1/50 (2%) Mean 0.4% 0/50 (0%)	SD 0.89%			
Overall Incidence #Tongue: Squamous Cell Papilloma Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/250 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) Mean 0% 0/50 (0%) 0/50 (0%)	SD 0% 0/50 (0%)		0/50 (0%) 1/250 (0.4%) 0/50 (0%) 0/50 (0%)	1/50 (2%) Mean 0.4% 0/50 (0%) 1/50 (2%)	SD 0.89% 0/50 (0%)			
Overall Incidence #Tongue: Squamous Cell Papilloma Overall Incidence #Tooth:	Total	0/50 (0%) 0/50 (0%) 0/250 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) Mean 0% 0/50 (0%) 0/50 (0%)	SD 0% 0/50 (0%)		0/50 (0%) 1/250 (0.4%) 0/50 (0%) 0/50 (0%)	1/50 (2%) Mean 0.4% 0/50 (0%) 1/50 (2%)	SD 0.89% 0/50 (0%)			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 49

			Male				Female	
#Urethra: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Urinary Bladder: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Urinary Bladder: Plasma Cell Tumor Mali	gnant	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/30 (0/0)		0/50 (0%)	0/50 (0%)	0/30 (0/0)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
tUterus: Adenoma								
						0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/250 (0%)	Mean 0%	SD 0%
Uterus: Carcinoma								
						0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/250 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 06/05/2013

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Uterus: Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% #Uterus: Leiomyoma (0%) 0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% #Uterus: Leiomyosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0% #Uterus: **Polyp Stromal** 1/50 (2%)0/50 (0%)2/50 (4%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 3/250 (1.2%) Mean 1.2% SD 1.79% #Uterus: Sarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/250 (0%) Mean 0% SD 0%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL **Page:** 51

			Male				Female	
#Uterus: Sarcoma Stromal								
						1/50 (2%) 0/50 (0%)	0/50 (0%) 2/50 (4%)	0/50 (0%)
Overall Incidence					Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%
#Uterus: Sarcoma Stromal or Polyp	Stromal							
						2/50 (4%) 0/50 (0%)	0/50 (0%) 2/50 (4%)	2/50 (4%)
Overall Incidence					Total	6/250 (2.4%)	Mean 2.4%	SD 2.19%
#Vagina: Liposarcoma								
						0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/250 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
≇Zymbal's Gland: Carcinoma or Adenoma						•••••		
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/50 (2%) 1/250 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%	Total	0/50 (0%) 0/250 (0%)	0/50 (0%) Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied